

### REMARKS

Claims 1-16 are pending. Claims 17-19 have been added. No new matter has been added. Applicant respectfully requests reconsideration in light of the foregoing amendments and these remarks. The Examiner rejected claims 1 and 10 under 35 U.S.C. 102(b) as being unpatentable over U.S. Patent 5,059,836 ("Lee"). The Examiner rejected claims 2-9 and 11-16 under 35 U.S.C. 103(a) as being unpatentable over Lee. Applicant respectfully traverses the rejection.

#### **I. Section 102(b) rejections**

Claim 1 recites, "transmitting a battery management unit command, the command operable to control components within a battery management unit." Similarly claim 10 recites, "transmit a corresponding battery management unit command to a controller." Lee does not disclose or suggest a battery management unit commands operable to control components within a battery management unit.

Lee discloses a system of wireless communication between a base station and a remote station. Lee describes how the remote station or base station processes RF signals received from the other. Beginning at line 40 of column 9 and continuing through column 10, Lee describes a method for communicating commands from a base station to a portable wireless data module (or portable data module) 120 as shown in figure 2A. A portable data module is a mobile slave device that can be accessed by a base station when the portable data module comes within range of a base station. See Lee lines 53-56 of column 3. Examples of portable data modules disclosed by Lee include tracking devices for product inventory and livestock. See Lee line 14 of column 6 to line 39 of column 7. The portable data module includes an RF receiver chip 210 and a converter chip 220. The receiver chip tracks the amplitude shifts of the RF signals in order to output digital pulses matching the analog duration of the input RF signal. The pulses are then transmitted to the converter chip 220 through a one-wire bus. The converter chip translates the digital pulses into commands for the portable wireless data module. Lee discloses a possible command set of write or read, activate reset, beacon path, and return to standby. Furthermore,

the Examiner correctly notes that column 16 of Lee describes commands derived from a sequence of pulses. However, Lee does not disclose or suggest that the commands are battery management unit commands as claimed.

Applicant's battery management unit command is transmitted to control components within a battery management unit. Lee does not disclose or suggest a battery management unit or the use of a battery management unit command to control components within a battery management unit. Lee's portable wireless data modules include a battery, however, the battery is described only as a source of power for the portable wireless data modules. See Lee lines 64-66 of column 3. Lee does not disclose or suggest any system or method for managing a battery or for communicating commands to a device for managing a battery. Instead, Lee is concerned with solving a problem for detecting beacons from local remote stations by a base station using a band pass filter and then communicating with the portable module. Lee is not concerned with how the portable modules are powered. See Lee lines 27-35 of column 4.

Lee does not disclose or suggest a battery management command for controlling a battery management unit. For at least the foregoing reasons, Applicant respectfully submits that claims 1 and 10 are in condition for allowance.

## **II. Section 103(a) rejections**

Claims 2-9 and 11-16 were rejected as unpatentable over Lee. Claims 2-9 depend from claim 1 and are allowable for at least the same reasons set forth above with respect to claim 1. Claims 11-16 depend from claim 10 and are allowable for at least the same reasons as set forth above with respect to claim 10.

## **III. New Claims**

Claims 17-19 have been added. Claim 17 recites a method of controlling a battery management unit including "transmitting a command byte and an address associated with a byte of data to be accessed in memory to the battery management unit through the serial port as a sequence of pulses corresponding to a serial protocol." Lee does not disclose or suggest the

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recited transmission of a command byte and address to a battery management unit. Applicant respectfully submits that claim 17 is in condition for allowance. Claims 18 and 19 depend from claims 1 and 10. For at least the same reasons as to claims 1 and 10, claims 18 and 19 are in condition for allowance.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

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